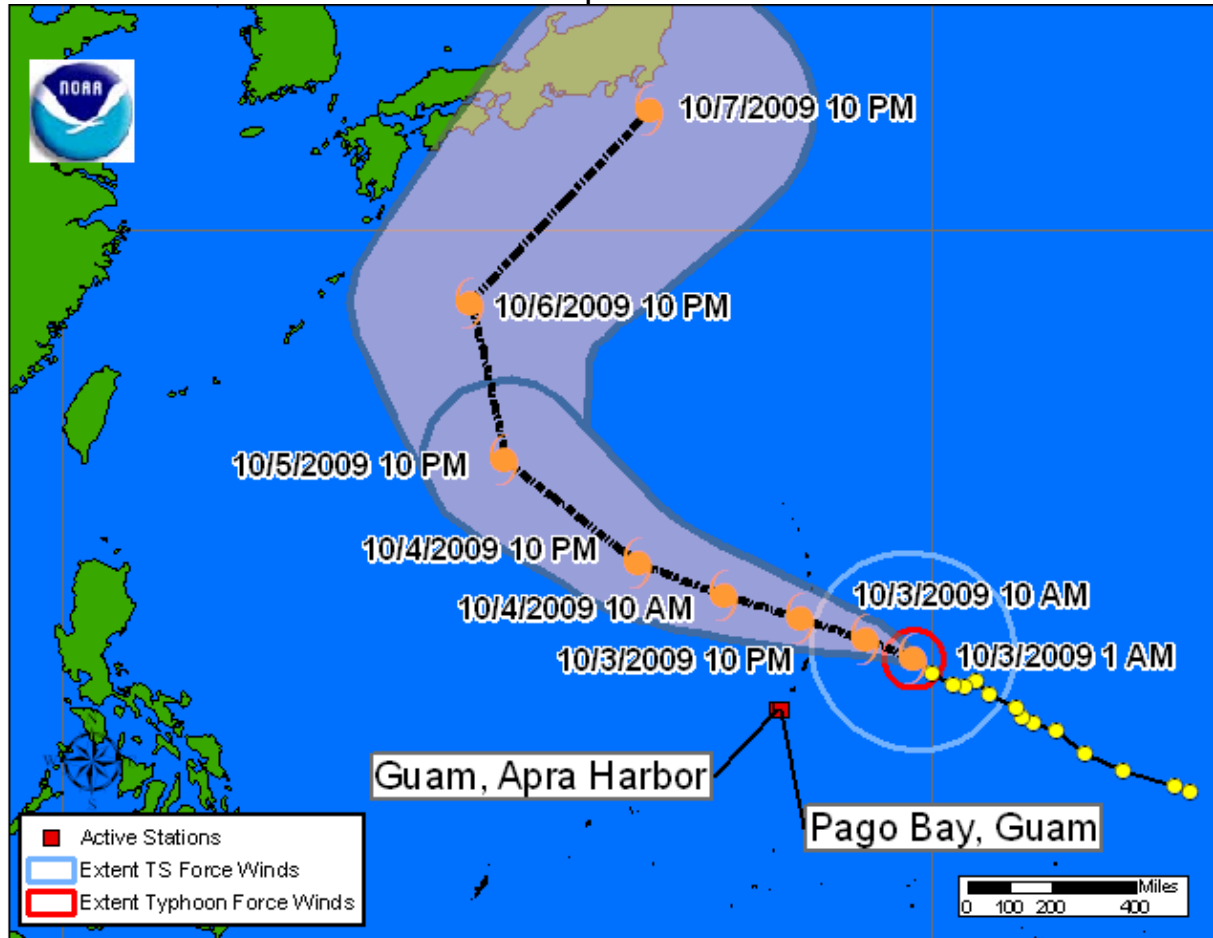




Typhoon MELOR QuickLook
Posted: 02:00 CHST 10/03/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/03/2009 02:00 CHST water levels at Guam are slightly elevated above predictions. Water levels at Apra Harbor are 0.5 feet and Pago Bay is near 0.8 feet above predicted. Winds are increasing at Apra Harbor, currently gusting up to 17 knots, while Pago Bay remains below 10 knots. Atmospheric pressure has started to trend downward, being currently near 1006 millibars.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Guam, Apra Harbor: Next predicted high tide is 2.26 ft (0.69 m) at 10/03/2009 06:42 CHST.

Pago Bay, Guam: Next predicted high tide is 1.50 ft (0.46 m) at 10/03/2009 06:12 CHST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: KG

For more detailed information, see [JOINT TYPHOON WARNING CENTER ADVISORY INFORMATION](#).

[SELECT NATIONAL WEATHER SERVICE TIYAN GUAM](#) ADVISORY INFORMATION:

TYPHOON MELOR (20W) ADVISORY NUMBER 14
200 AM CHST SAT OCT 3 2009

...TYPHOON MELOR CONTINUES MOVING NORTHWEST...

A TYPHOON WARNING REMAINS IN EFFECT FOR SAIPAN AND TINIAN.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR GUAM...ROTA AND AGRIHAN.

A TYPHOON WATCH REMAINS IN EFFECT FOR ROTA AND AGRIHAN.

AT 100 AM CHST THE CENTER OF TYPHOON MELOR WAS LOCATED NEAR LATITUDE 15.2 DEGREES NORTH AND LONGITUDE 149.4 DEGREES EAST.

THIS IS ABOUT

245 MILES EAST OF SAIPAN
255 MILES EAST OF TINIAN
290 MILES EAST-NORTHEAST OF ROTA
335 MILES EAST-NORTHEAST OF GUAM AND
350 MILES SOUTHEAST OF AGRIHAN.

TYPHOON MELOR IS MOVING NORTHWEST AT 9 MPH. MELOR IS EXPECTED TO MAKE A SLIGHT TURN TO THE WEST-NORTHWEST WITH AN INCREASE IN FORWARD SPEED OVER THE NEXT 12 TO 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE 130 MPH. MELOR IS EXPECTED TO INTENSIFY SLIGHTLY OVER THE NEXT 24 HOURS.

TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 260 MILES FROM THE CENTER.

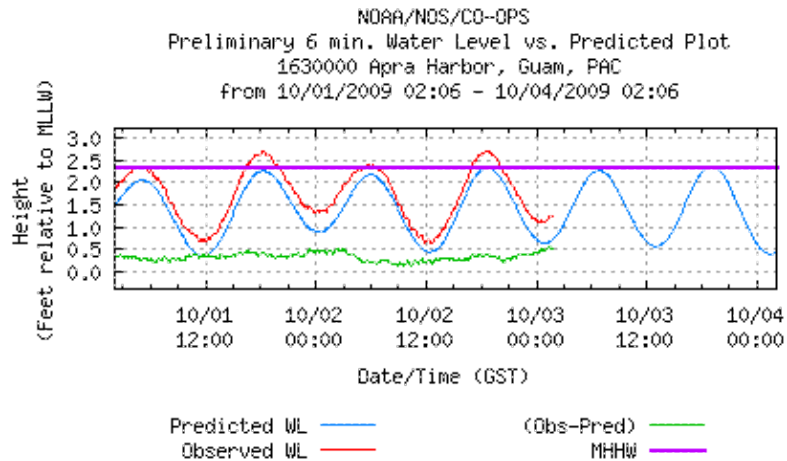
STANKO

Typhoon MELOR QuickLook, POSTED 02:00 CHST 10/03/2009

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Apra Harbor, Guam - Air/Water Temp](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#),

Apra Harbor, Guam, PAC - [Return to List](#)

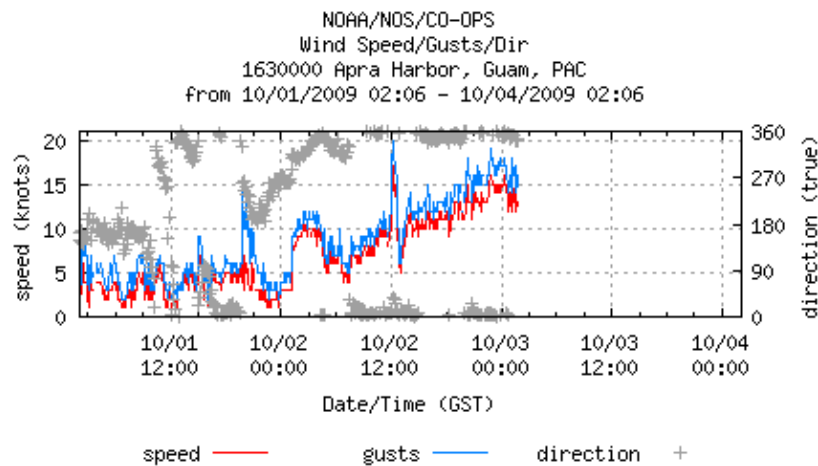


Last Observed Sample: 10/03/2009 01:48 (GST)

Relative to **MLLW**: **Observed: 1.23 ft. Predicted: 0.73 ft. Residual: 0.50 ft.**

Historical Maximum Water Level: 08/28/1992, 1.95 ft. above **MHHW**

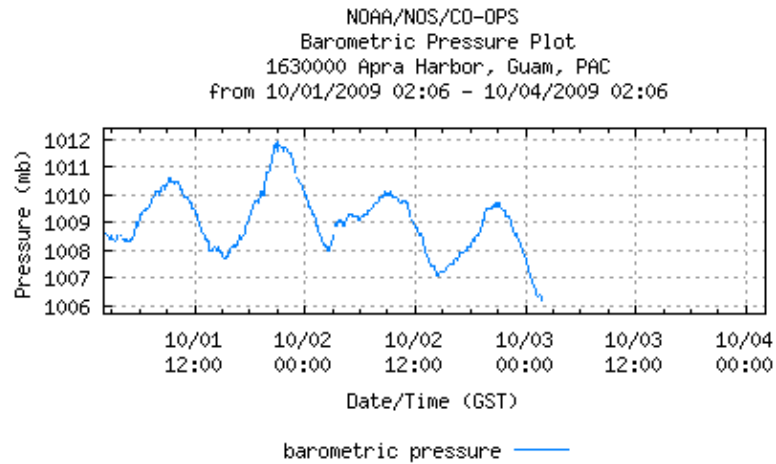
Apra Harbor, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/03/2009 01:48 (GST)

Wind Speed: 13 knots Gusts: 16 knots Direction: 347° T

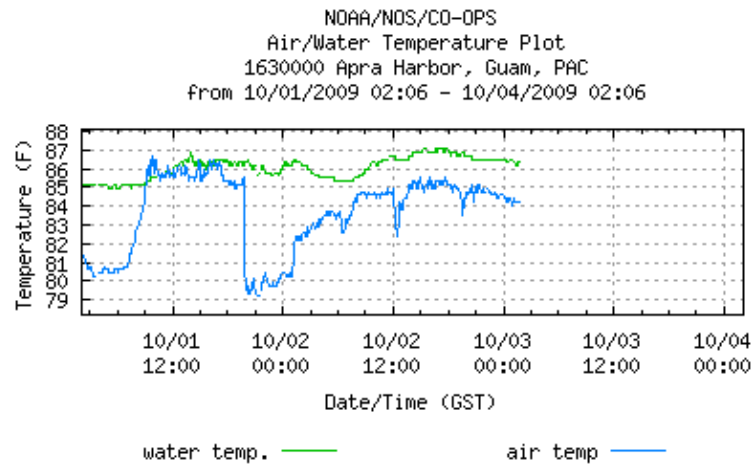
Apra Harbor, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/03/2009 01:48 (GST)

Barometric Pressure: 1006.2 mb

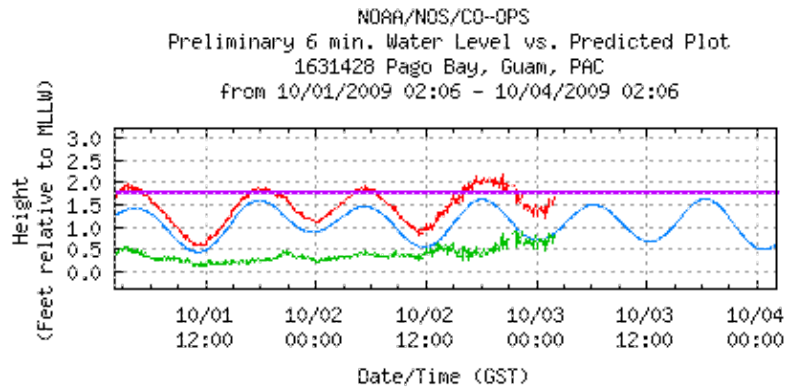
Apra Harbor, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/03/2009 01:48 (GST)

Water Temperature: 86.4° F Air Temperature: 84.2° F

Pago Bay, Guam, PAC - [Return to List](#)

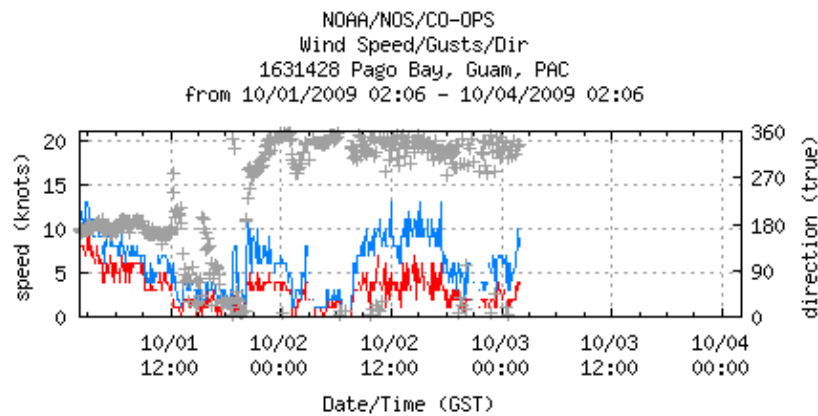


Last Observed Sample: 10/03/2009 01:54 (GST)

Relative to **MLLW**: **Observed: 1.66 ft.** **Predicted: 0.85 ft.** **Residual: 0.81 ft.**

Historical Maximum Water Level: n/a

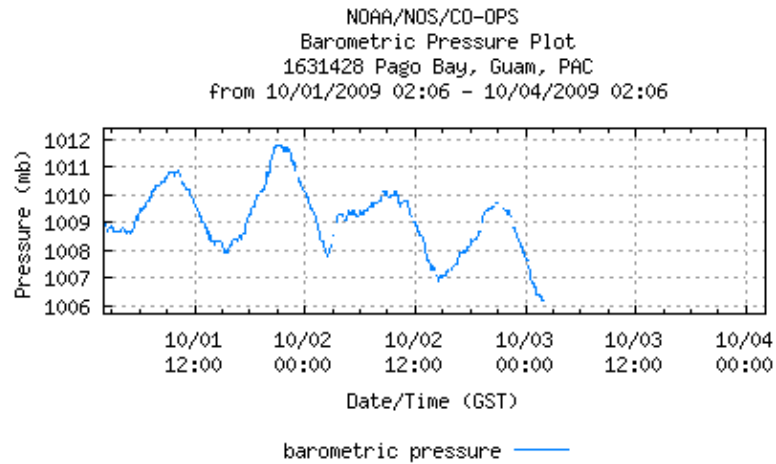
Pago Bay, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/03/2009 01:54 (GST)

Wind Speed: 4 knots **Gusts: 8 knots** **Direction: 334° T**

Pago Bay, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/03/2009 01:54 (GST)

Barometric Pressure: 1006.2 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce